

Converting Colors

XYZ(39.5477, 58.6603, 75.3403)

Have a look what the booklet for
XYZ(39.5477, 58.6603, 75.3403)
contains.

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Color

**XYZ(39.4916, 58.4666,
75.5334)**

Conversions

Conversions Part 1

Format	Color
Hex	0EE0DA
RGB	14, 224, 218
RGB Percent	5%, 88%, 85%
CMY	0.9449, 0.1216, 0.1451
CMYK	0.94, 0.00, 0.03, 0.12
HSL	178°, 88%, 47%
HSV	178°, 94%, 88%
XYZ	39.4916, 58.4666, 75.5334
YIQ	160.5260, -123.2340, -46.3860

Conversions

Conversions Part 2

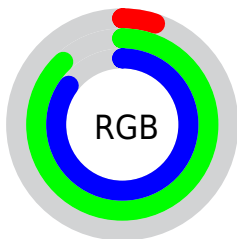
Format	Color
RYB	14, 121, 224
Decimal	975066
CIELab	81.00, -44.99, -9.81
CIELCh	81, 46.050, 192.300
Yxy	58.4666, 0.2276, 0.3370
Android (android.graphics.Color)	4279165146 (0xFF0EE0DA)
YUV	160.5260, 28.3347, -128.5033
Hunter-Lab	76.4635, -41.6199, -5.0444

Details

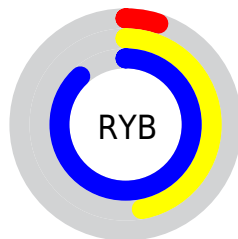
The XYZ color **39.4916, 58.4666, 75.5334** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **31.0257, 16.2136, 2.1581**, and the grayscale version is **33.5766, 35.3252, 38.4692**.

A 20% lighter version of the original color is **60.7494, 82.3174, 107.2948**, and **20.6135, 30.6496, 39.4799** is the 20% darker color. If you saturate the color by 10%, you get **39.2591, 58.3541, 75.2500**, and if you desaturate by 10%, it is **40.1386, 58.7917, 76.0033**.

Distribution



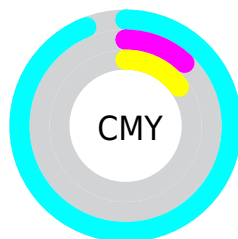
- Red (5%)
- Green (88%)
- Blue (85%)



- Red (5%)
- Yellow (47%)
- Blue (88%)



- Cyan (94%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)





- Cyan (94%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4916, 58.4666, 75.5334 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 39.4916, 58.4666, 75.5334 by changing the saturation by 10% instead.


 39.4916, 58.4666,
75.5334


 39.4916, 58.4666,
75.5334


335.1473,
418.9223, 499.0532

 27.3248, 42.1839,
55.5456


 73.6780, 102.6020,
128.8212


 17.9552, 29.2453,
39.4372


 96.4283, 131.2235,
162.9582


 11.0173, 19.2665,
26.7896


 123.4372,
164.7267, 202.6488

 6.1459, 11.8630,
17.1842

 155.0700,
203.4961, 248.3114

 2.9755, 6.6504,
10.2026

 191.6920,
247.9159, 300.3646

 1.1408, 3.2445,
5.4261

233.6687,

 0.0588, 1.2607,

298.3706, 359.2270

2.4363

281.3654,
355.2446, 425.3170

■ 0.0000, 0.1104,
0.8061

■ 0.0000, 0.0000,
0.0000

■ 39.4916, 58.4666,
75.5334

■ 39.4916, 58.4666,
75.5334

■ 39.2591, 58.3541,
75.2500

■ 40.1386, 58.7917,
76.0033

■ 41.2741, 59.3674,
76.4964

■ 42.9786, 60.2363,
77.0179

■ 45.3169, 61.4319,
77.5707

■ 48.3452, 62.9832,
78.1575

■ 52.1133, 64.9158,
78.7806

■ 56.6666, 67.2532,
79.4421

■ 62.0469, 70.0169,
80.1441

■ 68.2928, 73.2268,
80.8883

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.8492, 58.4666, 48.9733



39.4916, 58.4666, 75.5334



43.0660, 58.4666, 106.0167

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.4916, 58.4666, 75.5334



68.8675, 58.4666, 111.0145



61.3423, 58.4666, 25.5546

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.4916, 58.4666, 75.5334



31.0257, 16.2136, 2.1581

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.2882, 58.4666, 34.4215



39.4916, 58.4666, 75.5334



74.9633, 58.4666, 81.0239

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.4916, 58.4666, 75.5334



59.5751, 58.4666, 130.1033



75.5112, 58.4666, 53.1014



51.7500, 58.4666, 24.8633

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.4916, 58.4666, 75.5334



47.4650, 58.4666, 122.4951



75.5112, 58.4666, 53.1014



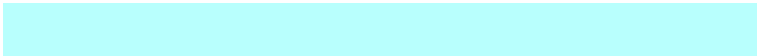
64.5505, 58.4666, 27.5283

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.4934, 58.4688, 75.5348



73.1546, 88.7503, 106.1692



27.0462, 53.5047, 9.3189



15.1065, 18.7131, 22.6428



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.4934, 58.4688, 75.5348



52.6584, 78.2794, 100.9060



21.1002, 20.4027, 73.3493



14.0988, 15.5652, 17.5553



22.8586, 33.9683, 43.8401



1.5899, 2.3567, 3.0673

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31.0257, 16.2136, 2.1581



41.2799, 21.2760, 2.1403



36.6177, 27.4731, 3.7898



13.7230, 13.7068, 14.3117



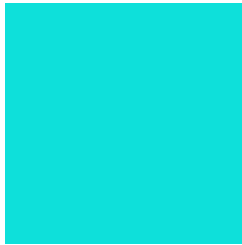
17.9207, 9.2353, 0.9825



1.2478, 0.6424, 0.0980

Previews

White Background



This preview shows how the XYZ color 39.4916, 58.4666, 75.5334 looks on a white background.

Color Contrast Check

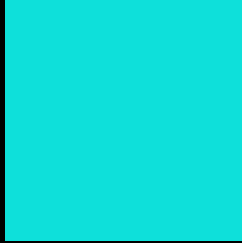
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 39.4916, 58.4666, 75.5334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

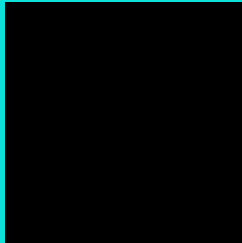
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

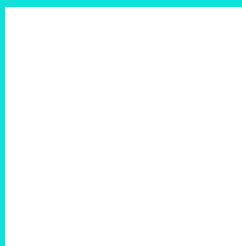
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.4916, 58.4666, 75.5334

Background



This preview shows how black text looks on a background with the XYZ color 39.4916, 58.4666, 75.5334.

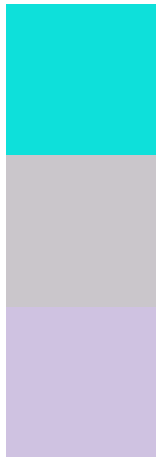


This preview shows how white text looks on a background with the XYZ color 39.4916, 58.4666,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.4916, 58.4666, 75.5334

Protanopia

55.3307, 57.2565, 64.6353

Deuteranopia

58.6145, 57.2852, 79.2020



Tritanopia

42.6087, 58.5492, 90.7168

Trichromacy



Original Color

39.4916, 58.4666, 75.5334



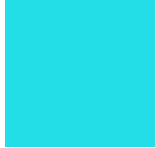
Protanomaly

43.5295, 54.2480, 67.8512



Deuteranomaly

45.3327, 54.2549, 77.1902



Tritanomaly

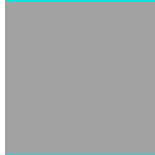
41.2382, 58.3694, 84.6942

Monochromacy



Original Color

39.4916, 58.4666, 75.5334



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

31.7683, 40.8465, 50.4658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4916, 58.4666, 75.5334 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(14, 224, 218)` looks like.

```
.text, #text, p{  
    color:rgb(14, 224, 218)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(14, 224, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 224, 218) }
```

Border

The CSS property to change the border of an element to XYZ 39.4916, 58.4666, 75.5334 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(14, 224, 218) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(14, 224, 218) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(14, 224, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 224, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 224, 218);  
box-shadow:4px 4px 4px 4px rgb(14, 224,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4916, 58.4666, 75.5334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 224, 218) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(14, 224,  
218) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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